

Attorney Docket No. P13319-US2

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph beginning on page 14, line 4, with the following rewritten paragraph:

The transmitter unit 20 has a number of functional components, including a transceiver module 23, an encryption/decryption module 24, and an error detection module 25. The receiver unit 21 likewise has a number of functional components, including a transceiver module 26, an encryption/decryption module 27, and an error detection module 28. Each of the encryption/decryption modules 24 and 27 ~~[[28]]~~ has a number of functional components including a sequence number processor 29 or 30, respectively. In general, the components of the transmitter unit 20 perform the same function as their counterparts in the receiver unit 21. Therefore, only the functions of the components of the transmitter unit 20 will now be described.

Please replace the paragraph beginning on page 22, line 10, with the following rewritten paragraph:

Turning now to FIG. 5, a method of receiving encrypted data packets according to one embodiment of the present invention is shown. At step 50, an encrypted data packet to be decrypted is obtained in the receiver unit. The sequence number is extracted from the payload of the data packet at step 51. The data packet is then ordered or otherwise arranged in its proper place at step 52 ~~[[62]]~~, based on the extracted sequence number. The ordering here should be identical to the ordering at the transmitter unit by virtue of the use of the sequence number. At step 53, the data packet is decrypted. At step 54, the decrypted data packet is checked for errors that may have occurred during decryption and/or decoding. A determination is made at step 55 to see whether an error was detected in a predetermined number of data packets. If yes, then an error message is sent at step 56 from the receiving unit to the transmitting unit. A known data recovery procedure is initiated at step 57 to try and recover any lost data, and the method begins again at step 50. If no, then the method simply continues at step 50.

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Please replace the paragraph beginning on page 23, line 8, with the following rewritten paragraph:

FIG. 6 illustrates in more detail one aspect of the sequence number generating step, step 41, of the method shown in FIG. 4 ~~FIG. 6~~. At step 60, a determination is made as to the quality of the IP link. This determination may be made statistically using factors such as the average amount of jitter in the network, signal-to-noise ratios, RSSI measurements, etc. The length of the sequence number is thereafter adjusted as needed at step 61. The new sequence number length is then signaled to the various transmitter/receiver units in the network at step 62.